Invention disclosure submission.

Complete all sections and send to the Nortel Patent Dept at:

OTTAWA, Canada: Patent Dept., 0265, NTPAT

or HARLOW, UK: Patent Dept., HALOS

or RICHARDSON, USA: Patent Dept., Mail Stop C-0419, RICH1

:- :: ·

Attny/Agent

NORTEL NORTHERN TELECOM

cont		

DH/SONET Virtual Concatental	ion		
	Correspondence will be directed	to the first-named inventor only.	
) Full legal name of first inventor (include middle initial)	Residence and post office address if different	nt .
Russell :	Johns Paul	21: The Orchards Sawbridgeworth	
ame usually known as:		Herts CM21.9BB	
obal ID			:
200755.	tion Department Mailstop	Occupation	ax
none Local 42-2631 HAL		Cocupanor (
gnature	Date	Citizen of	·
		UK .	
). Name of supervisor or division:	el head	(5) Project Number	· _
) Name of supervisor di divisiona David Barriskill	THE TOTAL PROPERTY OF THE PARTY	7539	
me of AVP Reported to:	· ·	(6) Indicate your LOB Broadband Networks	
Signaturė	Date	If Advanced Technology, please indicate v	hich group.
3) Date of first written description		Key words for searching	
, O40, O1		SDH, SONET, Virtual Concatenation	· .
as this invention been discussed	l with others? If so, please comp	lete.	•
Outside Nortel To Whom? Act	pert Franks -		
When?' 2/7/	•	Are you aware of any imminent future dis	closures? Please deta
Was there a Non-Disclosure Agr	ecment in placePassume sol	1 expect this work to be presented to ETS meeting.	i TM1 in their Novemb
Inside Nortel To Whom? Eve			
When? 3/7	/98		
(4) Which products will use this i	nvention?	(7) Is the invention relevant to a Standa	rds activity?
TN1X/C/P, TN4XE, TN16XE, I	N16X, TN64X and possibly in nent. The ASICs to implement	his.	
are currently being developed	under a fully funded programme	If so give details: This work will be presented to ETSI TM meeting. Following that, it will be taken we expect that Lucent will want to prop to solve the same problem.	i to MU-T SG15; wher
		(8) Does this invention arise from any are external organization? Inc.	rangement involving a
	·. ·	Organization.	<u></u> •

Contract no.

The SDH LAN has already been described in patent submissions 0882, 0885, 0889, 0890, 0932. This new submission was previously described along with 0889 SDH LAN Mapping.

The specific problem is to carry traffic in channels of bandwidths which are greater than that offered by standard SDH virtual containers over disperate and heterogeneous networks.

e) What is the commercial value of the invention to Nortel and Nortel's major competitors? (see guidelines)

This idea is already in development and on the POR for roll out on several products during 1999.

Lucent and Alcatel will try to beat us to market with something similar.

•.:•

•		• • • • •	· · <u>·</u> ·		
•	40, 1	Additional Inve	entors / Co	ntractor information	No. 1D
(4) Full legal name	af first inventor (inclu			Residence address (and pos	t office address if different)
Russell Global ID 3200755	John	Paul		21 The Orchards Sawbridgeworth Herts	
Phone 742-2631	Location HAL02	Department. GI41	Mailstop	Occupation	Fax
Signature		Date		Citizen of UK	. :
	ation.			Any other agreement(s) with you Please Make a Selection	ır agency.
Agency worked for Non disclosure ag Please Make a So	reement with Nortel	<i>:</i>		Please specify	
	aster Services agreeme	nt with your agency	<i>!</i>	,	
17.17					
(1) Full legal nam	e of 2nd inventor (incl	ide middle initial)	10 J. 24.	Residence address (and po	st office address if different)
Goodman	Mick		712099		
Phone:	Location	Department	Mallstop	Occupation	Fax
Signature		Date		Citizen of	·.
Contractor Inform	nation		1 41 1	Any other agreement(s) with yo	our agency.
Agency worked f	of .			Please Make a Selection	
Non disclosure a	greement with Nortel			Please specify	
Exhibit B of the N Please Make a	faster Services agreem Selection	ent with your agend	су		
	ne of 3rd inventor (inc chris	lude middle Initial)	1071844	Residence address (and p	ost office address if different)
Phone	Location	Department	Mailstop	Occupation	Fax
Signature		Date		Citizen of	
Signature	-:				
Contractor Info	rmation for			Any other agreement(s) with Please Make a Selection	your agency.
Non disclosure Please Make e	agreement with Nortel	·		Please specify	·
Exhibit B of the Please Make a	Master Services agreer	nent.with your age	ncy ·		
	ame of 4th inventor (in	elude middie initial		•	post office address if different)
	Chris	Cidde inicale unia	6161905		
Ramsden Phone	Location	n Department		Occupation	Fax
·		Date	<u> </u>	Citizen of	
Signature	•	1			وروادان والمراجع
Contractor Inf	ormation differ			Any other agreement(s) with	your agency.
Non disclosur	e agreement with Nortel		•	Please specify Please Make a Selection	
Please. Make. Exhibit 8 of th	a Selection e Master Services agree	ement with your ag	. · ency	FICOSO MIGITO & SCIEFUOII	

Full legal name of 5th	Tinventor (include	middle inlilal).		Residence address (and post offic	e address if different)
nields	Jim		3220951		
one	Location	Department	Mailstop	Occupation	Fax
gnature		Date		Citizen of	
nicacior information	And the second	Street, Street	A 186	Any other agreement(s) with your age	ncy.
gency worked for	".		• • •	Please Make a Selection	
on disclosure agraeme lease Make a Solectio		÷		Please specify	
xhibit B of the Master S lease Make a Selection	Services agreemen	t with your agen	cy :		
12430 41410		 			
) Full legal name of 6	th Foundation (include	i . Reitici pidale	_	Residence address (and post offi	ce address if different)
) Eall ledar Harve or e	th inventor (incloc	20 Middle Milian			
:			·::		
hone	Location	Department	Mailstop	Occupation	Fax
Signature		Date	:	Citizen of	
ontractor Information	W. Francisco			Any other agreement(s) with your ag	ency.
agency worked for				Please Make a Selection	
Non disclosure agreem	ant with Nortel			Please specify.	•
Pleaso Make a Select					
		nt with your age	ncy		
	tion			Residence address (and post of	fice address if different)
	tion				
1) Full legal name of	tion) Asi		fice address if different) . Fax
1) Full legal name of Phone	ilon 7th inventor (inclu	.ide middle initlal) ns		
Phone Signature Contractor Informatio	7th inventor (included) Location	ide middle initial) ns	Occupation	Fax
1) Full legal name of Phone	7th inventor (included in the control of the contro	Department) ns	Occupation Citizen of Any other agreement(s) with your a	Fax
1) Full legal name of Phone Signature Contractor Informatio Agency worked for Non disclosure agree	7th inventor (instruction Location ment with Nortel ction or Services agreem	Department	Mailstop	Occupation Citizen of Any other agreement(s) with your a Please Make a Selection	Fax
Phone Signature Contractor Information Agency worked for Non disclosure agree Please Make a Select Edibit 8 of the Maste	7th inventor (instruction Location ment with Nortel ction or Services agreem	Department	Mailstop	Occupation Citizen of Any other agreement(s) with your a Please Make a Selection	Fax
Phone Signature Contractor Information Agency worked for Non disclosure agree Please Make a Select Edubit 8 of the Maste	7th inventor (included) Location ment with Nortel ction or Services agreement on	Department Date	Mailstop	Occupation Citizen of Any other agreement(s) with your a Please Make a Selection	Fax gency.
1) Full legal name of Phone Signature Contractor Information Agency worked for Non disclosure agrees Please Make a Select Please	7th inventor (included) Location ment with Nortel ction or Services agreement on	Department Date	Mailstop	Occupation Cltizen of Any other agreement(s) with your a Please Make a Selection Please specify Residence address (and post of	gency. Office address if different)
1) Full legal name of Phone Signature Contractor Information Agency worked for Non disclosure agree Please Make a Select Edibit 8 of the Master Please Make a Select Please Pleas	7th inventor (included) Location ment with Nortel ction or Services agreement on	Department Date Dent with your ag	Mailstop	Occupation Cltizen of Any other agreement(s) with your a Please Make a Selection Please specify Residence address (and post of	Fax gency.
Phone Signature Contractor Informatic Agency worked for Non disclosure agree Please Make a Selec Edubit 8 of the Maste Please Make a Selec	7th inventor (inch Location Ment with Nortel otion or Services agreemetten	Department Date	Mailstop ency al) Mailsto	Occupation Cltizen of Any other agreement(s) with your a Please Make a Selection Please specify Residence address (and post of	gency. Office address if different)
1) Full legal name of Phone Signature Contractor Informatic Agency worked for Non disclosure agreer Please Make a Select Edhibit 8 of the Maste Please Make a Select (1) Eull legal name of Phone Signature	Th inventor (inch Location ment with Nortel ction or Services agreement on the Location	Department Date Date Date Date Date Date Department	Mailstop ency al) Mailsto	Occupation Clitizen of Any other agreement(s) with your a Please Make a Selection Please specify Residence address (and post of post of Citizen of	gency. Office address if different)
1) Full legal name of Phone Signature Contractor Informatic Agency worked for Non disclosure agreer Please Make a Selec Edhibit 8 of the Maste Please Make a Selec (1) Eull legal name of	Th inventor (inch Location ment with Nortel ction or Services agreement on the Location	Department Date Date Date Date Date Date Department	Mailstop ency al) Mailsto	Occupation Clitizen of Any other agreement(s) with your a Please Make a Selection Please specify Residence address (and post of pos	gency. Office address if different)

Exhibit B of the Master Services agreement with your agency Please Make a Selection